Subscribe (Full Service) Register (Limited Service, Free) Login

The ACM Digital Library O The Guide Search:

THE ACM DIGITAL LIBRARY

(ink and bitmap) Found Terms 80 of used: 254,065 ink bitmap

Save Refine Sort results relevance these results by results to a Display with expanded form Binder results Advanced Search Open Try this results search in a new in The window ACM Guide

Results 1 - 20 of 80 Result page: 1 2 3 4 5 next

>>

Interactive pen-and-ink illustration

Michael P. Salisbury, Sean E. Anderson, Ronen Barzel, David H. Salesin

July SIGGRAPH '94: Proceedings of the 21st annual conference on Computer graphics 1994 and interactive techniques

Publisher: ACM

Full text available: Pof (9.30 MB), Ps (33.33 MB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 190, Citation Count: 57

We present an interactive system for creating pen-and-ink illustrations. The system uses stroke textures—collections of strokes arranged in different patterns—to generate texture and tone. The user "paints" with ...

Keywords: comprehensible rendering, non-photorealistic rendering, prioritized stroke textures

Computer-generated pen-and-ink illustration of trees

Oliver Deussen, Thomas Strothotte

July SIGGRAPH '00: Proceedings of the 27th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: Total (597.81 Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 113, Citation Count: 28

We present a method for automatically rendering pen-and-ink illustrations of trees. A given 3-d tree model is illustrated by the tree skeleton and a visual representation of the foliage using abstract drawing primitives. Depth discontinuities are used ...

Keywords: biological systems, frame buffer tricks, non-realistic rendering

3 Moving markup: repositioning freeform annotations

Gene Golovchinsky, Laurent Denoue

October UIST '02: Proceedings of the 15th annual ACM symposium on User interface software and technology

Publisher: ACM

Full text available: Pct (576.12 Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 49, Citation Count: 11

Freeform digital ink annotation allows readers to interact with documents in an intuitive and familiar manner. Such marks are easy to manage on static documents, and provide a familiar annotation experience. In this paper, we describe an implementation ...

Keywords: annotation, dynamic document layout, freeform digital ink, repositioning annotations

4 Non-photorealistic rendering in context: an observational study

Tobias Isenberg, Petra Neumann, Sheelagh Carpendale, Mario Costa Sousa, Joaquim A. Jorge

June NPAR '06: Proceedings of the 4th international symposium on Non-photorealistic animation and rendering

Publisher: ACM

Full text available: Pdf (27.13 Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 202, Citation Count: 1

Pen-and-ink line drawing techniques are frequently used to depict form, tone, and texture in artistic, technical, and scientific illustration. In non-photorealistic rendering (NPR), considerable progress has been made towards reproducing traditional ...

Keywords: evaluation of NPR and traditional scientific illustration, non-photorealistic rendering (NPR), observational study, pen-and-ink illustration

Perceptually-supported image editing of text and graphics

Eric Saund, David Fleet, Daniel Larner, James Mahonev

November UIST '03: Proceedings of the 16th annual ACM symposium on User interface 2003

software and technology

Publisher: ACM

Additional Information: full

Full text available: Mov (3:16 MIN), Pdf (1.42 MB), Wmv (3:16 MIN)

citation. abstract. references, cited by. index terms

Bibliometrics: Downloads (6 Weeks): 12. Downloads (12 Months): 110. Citation Count: 15

This paper presents a novel image editing program emphasizing easy selection and manipulation of material found in informal, casual documents such as sketches, handwritten notes, whiteboard images, screen snapshots, and scanned documents. The program, ...

Keywords: WYPIWYG, bitmap image, foreground/background, lattice grouping, perceptual document editing, rough document, scanscribe

6 eFuzion: development of a pervasive educational system

Chad Peiper, David Warden, Ellick Chan, Boris Capitanu, Sam Kamin September 2005 ACM SIGCSE Bulletin. Volume 37 Issue 3

Publisher: ACM

Full text available: Telf (797.12

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 46, Citation Count: 1

Established as a research project at the University of Illinois in the spring of 2002, eFuzion has proven to be a valuable and effective pedagogical set of tools. It provides the capacity to both mentor and assess students individually, both during and ...

Keywords: Tablet PC, classroom presentation, collaborative learning, digital ink. educational technology, lecture notes, wireless learning environment

InkSeine: In Situ search for active note taking

Ken Hinckley, Shengdong Zhao, Raman Sarin, Patrick Baudisch, Edward Cutrell, Michael Shilman, Desney Tan

April CHI '07: Proceedings of the SIGCHI conference on Human factors in computing

2007 systems Publisher: ACM

Full text available: 1.27

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 19. Downloads (12 Months): 224. Citation Count: 1

Using a notebook to sketch designs, reflect on a topic, or capture and extend creative ideas are examples of active note taking tasks. Optimal experience for such tasks demands concentration without interruption. Yet active note taking may also require ...

Keywords: gestures, handwriting, ink, input, pen, search, tablet

eFuzion: development of a pervasive educational system

Chad Peiper, David Warden, Ellick Chan, Boris Capitanu, Sam Kamin June

ITICSE '05: Proceedings of the 10th annual SIGCSE conference on Innovation and 2005 technology in computer science education

Publisher: ACM

Full text available: Pdf (797.12

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 46. Citation Count: 1

Established as a research project at the University of Illinois in the spring of 2002, eFuzion has proven to be a valuable and effective pedagogical set of tools. It provides the capacity to both mentor and assess students individually, both during and ...

Keywords: Tablet PC, classroom presentation, collaborative learning, digital ink. educational technology, lecture notes, wireless learning environment

Designers' use of paper and the implications for informal tools

Damon J. Cook, Brian P. Bailey

November OZCHI '05: Proceedings of the 19th conference of the computer-human 2005 interaction special interest group (CHISIG) of Australia on Computer-human

interaction; citizens online; considerations for today and the future

Publisher: Computer-Human Interaction Special Interest Group (CHISIG) of Australia

Full text available: Pdf (336.87

Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 2. Downloads (12 Months): 58. Citation Count: 3

While informal tools can benefit early design, their use requires that a designer surrender the richer affordances of physical tools. To better understand the importance of physical tools for early design, we conducted contextual interviews with twelve ...

Keywords: digital ink, early design, informal tools, sketching

10 Newton's Pen: a pen-based tutoring system for statics



WeeSan Lee, Ruwanee de Silva, Eric J. Peterson, Robert C. Calfee, Thomas F. Stahovich
August SBI M '07: Proceedings of the 4th Eurographics workshop on Sketch-based
interfaces and modeling

Publisher: ACM

Publisher: ACM

Full text available: 1351.52 KB)

Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 14, Citation Count: 0

We present Newton's Pen, a statics tutor implemented on a "pentop computer", a writing instrument with an integrated digitizer and embedded processor. The tutor, intended for undergraduate education, scaffolds students in the construction of free body ...

11 I/O brush: drawing with everyday objects as ink

Kimiko Ryokai, Stefan Marti, Hiroshi Ishii

April CHI '04: Proceedings of the SIGCHI conference on Human factors in computing systems

Publisher: ÁCM

Full text available: Pdt (738.88

Additional Information: full citation, abstract, references, cited by, index

terms

Bibliometrics: Downloads (6 Weeks): 54, Downloads (12 Months): 163, Citation Count: 22

We introduce I/O Brush, a new drawing tool aimed at young children, ages four and up, to explore colors, textures, and movements found in everyday materials by "picking up" and drawing with them. I/O Brush looks like a regular physical paintbrush but ...

Keywords: building blocks, children, drawing, explaining, input device, storytelling, tangible user interface

12 Extracting reusable document components for variable data printing



Steven R. Bagley, David F. Brailsford, James A. Ollis
August DocEng '07: Proceedings of the 2007 AC

t DocEng '07: Proceedings of the 2007 ACM symposium on Document

2007 engineering

Publisher: ACM

Full text available: Pdf (748.64

Additional Information: full citation, abstract, references, index terms

KB)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 78, Citation Count: 0

Variable Data Printing (VDP) has brought new flexibility and dynamism to the printed page. Every printed instance of a specific class of document can now have different degrees of customized content within the document template. This flexibility comes ...

Keywords: PDF, SVG, content extraction, graphic objects, posrScript, variable data printing

13 Drawing and animation using skeletal strokes

Siu Chi Hsu, Irene H. H. Lee

July SI GGRAPH '94: Proceedings of the 21st annual conference on Computer graphics and interactive techniques

Publisher: ACM

Full text available: Pdf (2.14 MB), Ps (4.06 MB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks); 18, Downloads (12 Months); 245, Citation Count: 33

The use of skeletal strokes is a new vector graphics realization of the brush and stroke metaphor using arbitrary pictures as "ink". It is based on an idealized 2D deformation model defined by an arbitrary path. Its expressiveness ...

14 Rotated dispersed dither: a new technique for digital halftoning

Victor Ostromoukhov, Roger D. Hersch, Isaac Amidror

July SI GGRAPH '94: Proceedings of the 21st annual conference on Computer graphics and interactive techniques

Publisher: ACM

Full text available: Paf (691.60 KB), Ps (1.62

Additional Information: <u>full citation</u>, <u>abstract</u>, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 57, Citation Count: 4

Rotated dispersed-dot dither is proposed as a new dither technique for digital halftoning. It is based on the discrete one-to-one rotation of a Bayer dispersed-dot dither array. Discrete rotation has the effect of rotating and splitting a significant ...

15 Curve analogies

Aaron Hertzmann, Nuria Oliver, Brian Curless, Steven M. Seitz July 2002 EGRW '02: Proceedings of the 13th Eurographics workshop on Rendering Publisher: Eurographics Association

Full text available: Pdf (384.18

Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 67, Citation Count: 13

This paper describes a method for learning statistical models of 2D curves, and shows how these models can be used to design line art rendering styles by example. A user can create a new style by providing an example of the style, e.g. by sketching a ...

16 Hierarchical parsing and recognition of hand-sketched diagrams

Levent Burak Kara, Thomas F. Stahovich

October UIST '04: Proceedings of the 17th annual ACM symposium on User interface software and technology

Publisher: ACM

Full text available: Pdf (420.41 Additional Information: full citation, abstract, references, cited by, index

Bibliometrics: Downloads (6 Weeks): 4. Downloads (12 Months): 111. Citation Count: 11

A long standing challenge in pen-based computer interaction is the ability to make sense of informal sketches. A main difficulty lies in reliably extracting and recognizing the intended set of visual objects from a continuous stream of pen strokes. Existing ...

Keywords: Simulink, pen computing, pnns, sketch understanding, symbol recognition, visual parsing

17 Sensing techniques for mobile interaction

Ken Hinckley, Jeff Pierce, Mike Sinclair, Eric Horvitz

November UIST '00: Proceedings of the 13th annual ACM symposium on User interface 2000 software and technology

Publisher: ACM

- ublisher. AOW

Full text available: Pdf (389.16 Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 502, Citation Count: 61

Keywords: context-awareness, input devices, interaction techniques, mobile devices, mobile interaction, sensing, sensors

18 Real-time painterly rendering for MR applications

Michael Haller, Daniel Sperl

June GRAPHITE '04: Proceedings of the 2nd international conference on Computer 2004 graphics and interactive techniques in Australasia and South East Asia Publisher: ACM

Publisher: ACM

Full text available: Port (936.79 Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 71, Citation Count: 3

In this paper we describe a real-time system for AR/MR rendering applications in a painterly style. Impressionistic images are created using a large number of brush strokes, which are organized as 3d particles to achieve frame-to-frame coherence. Reference ...

Keywords: augmented reality, mixed reality, non-photorealistic rendering, painterly rendering

Publisher: ACM

19 High dynamic range imaging

Paul Debevec, Erik Reinhard, Greg Ward, Sumanta Pattanaik
August 2004 SI GGRAPH '04: ACM SI GGRAPH 2004 Course Notes

Full text available: Pdf (20.22 Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): 81, Downloads (12 Months): 790, Citation Count: 0

Current display devices can display only a limited range of contrast and colors, which is one of the main reasons that most image acquisition, processing, and display techniques use no more than eight bits per color channel. This course outlines recent ...

20 Catch that speeding turtle: latching onto fun graphics in CS1

Tanya Markow, Eugene Ressler, Jean Blair November 2006 ACM SI GAda Ada Letters, Volume XXVI Issue 3

Publisher: ACM
Full text available: Pdf (461.00

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 47, Citation Count: 0

Graphics are a great way to keep students motivated early in a computer science program. This paper introduces a simple Ada graphics package that simultaneously meets two goals: it provides a easy to understand graphics package that leads to enjoyable ...

 $Keywords\colon Ada,\,AdaGraph,\,CS1,\,GtkAda,\,TurtleGraphics,\,graphics,\,logo,\,spider$

Results 1 - 20 of 80 Result page: 1 2 3 4 5 next

>>

The ACM Portal is published by the

Association for Computing Machinery. Copyright @ 2008 ACM, Inc.

Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player